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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/749,083	12/30/2003	Matthew D. Fitzpatrick	CS23585RA/10-193	7971
51874	7590	09/01/2006	EXAMINER	
LAW OFFICES OF CHARLES W. BETHARDS, LLP			AMINZAY, SHAIMA Q	
P.O. BOX 1622			ART UNIT	PAPER NUMBER
COLLEYVILLE, TX 76034			2618	

DATE MAILED: 09/01/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)
	10/749,083	FITZPATRICK ET AL.
	Examiner Shaima Q. Aminzay	Art Unit 2618

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 07 July 2006.
 2a) This action is FINAL. 2b) This action is non-final.
 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1-21 is/are pending in the application.
 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
 5) Claim(s) _____ is/are allowed.
 6) Claim(s) 1-21 is/are rejected.
 7) Claim(s) _____ is/are objected to.
 8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.
 10) The drawing(s) filed on 30 December 2003 is/are: a) accepted or b) objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 a) All b) Some * c) None of:
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892)
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)
 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
 Paper No(s)/Mail Date _____

4) Interview Summary (PTO-413)
 Paper No(s)/Mail Date. _____.
 5) Notice of Informal Patent Application (PTO-152)
 6) Other: _____.

Detailed Action

Specification Objection

The following guidelines illustrate the preferred layout for the specification of a utility application. These guidelines are suggested for the applicant's use.

Arrangement of the Specification

1. As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:
 - (a) TITLE OF THE INVENTION.
 - (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
 - (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
 - (d) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC (See 37 CFR 1.52(e)(5) and MPEP 608.05. Computer program listings (37 CFR 1.96(c)), "Sequence Listings" (37 CFR 1.821(c)), and tables having more than 50 pages of text are permitted to be submitted on compact discs.) or REFERENCE TO A "MICROFICHE APPENDIX" (See MPEP § 608.05(a). "Microfiche Appendices" were accepted by the Office until March 1, 2001.)
 - (e) BACKGROUND OF THE INVENTION.

- (1) Field of the Invention.
- (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (f) BRIEF SUMMARY OF THE INVENTION.
- (g) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
- (h) DETAILED DESCRIPTION OF THE INVENTION.
CLAIM OR CLAIMS (commencing on a separate sheet).
ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A

“Sequence Listing” is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required “Sequence Listing” is not submitted as an electronic document on compact disc).

Response to Arguments

Applicant's arguments filed July 7, 2006 have been fully considered.

2. Arguments with respect to objected claims 14 and 21 is moot, amendment to claim 21 meets the requirements, therefor, the objection with respect to claims 14 and 21 is withdrawn.

3. Applicant's arguments with respect to claims 1-21 under 35 U.S.C.103(a)

Rejection has been fully considered, but they are not persuasive.

The applicant's argued features in the claims, i.e., providing an "determining availability of members of a contact list in a wireless communication system, wherein the method comprises: determining an availability status of members of a contact list by receiving messages at a controller that indicate changes in availability of client devices associated with the contact list; the contact list corresponding to a particular client device; and from the controller to the particular client device without a request from the particular client device transmitting information regarding the availability of the client devices only when a change has occurred in the availability of one or more of the client device" to be established read upon Crockett (Crockett et al., U. S. Patent 6,873,854) in view of Florkey (Florkey et al., U. S. Patent 6,990,353). As discussed in the rejected bellow, Crockett discloses a wireless communication system with availability of members in the members contact list, the controller configured for determining the link activities, availability status of members (contact) list, received messages and the contact list matching (corresponding) to the specific client (member) device without asking (requesting) the particular client (member), Crockett does not specifically teach transmitting only when a change has occurred, however, Crockett teaches the transmitting information regarding the availability of the client devices, in a related art dealing with wireless communication system

availability of cellular members, Florkey teaches transmitting only when a change has occurred.

Crockett and Florkey are analogous to the applicants teaching, that's why they do obviate. The rejection is maintained.

Claim Rejections – 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) Patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Crockett (Crockett et al., U. S. Patent 6,873,854) in view of Florkey (Florkey et al., U. S. Patent 6,990,353).

Regarding claim 1, Crockett discloses a method of determining availability of members of a contact list in a wireless communication system (see *for example, Figure 1, column 1, lines 15-32, column 2, lines 16-30, column 4, lines 37-61, column 8, lines 30-44, column 18, lines 49-58, availability of members in the list*),

wherein the method comprises: determining an availability status of members of a contact list by receiving messages at a controller that indicate changes in availability of client devices associated with the contact list (see for example, *Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67 continued to column 17, lines 1-20, column 18, lines 49-58, column 22, lines 46-53, link activities with availability status of contact list with received messages and the controller*); the contact list corresponding to a particular client device (see for example, *Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67 continued to column 17, lines 1-20, column 18, lines 49-58, column 22, lines 46-53, contact list matches (corresponds) to the specific client device*); and from the controller to the particular client device without a request from the particular client device (see for example, *Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67 continued to column 17, lines 1-20, column 18, lines 49-58, column 22, lines 46-53, without asking (requesting) the particular client*) transmitting information regarding the availability of the client devices [only when a change has occurred] in the availability of one or more of the client device (see for example, *Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67 continued to column 17, lines 1-20, column 18, lines 49-58, availability of the*

mobile device (client device)).

Crockett does not specifically teach transmitting only when a change has occurred, however, Crockett teaches the transmitting information regarding the availability of the client devices (see for example, *Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67 continued to column 17, lines 1-20, column 18, lines 49-58, availability of the mobile device (client device)).*

In a related art dealing with wireless communication system availability of cellular members (see for example, *Figure 1, column 1, lines 20-30, column 2, lines 46-50, column 3, lines 13-24, lines 36-55*), Florkey teaches transmitting only when a change has occurred (see for example, *Figure 1, column 1, lines 20-30, column 2, lines 46-50, column 3, lines 13-24, lines 36-55*).

It would have been obvious to one of ordinary skill in the art at the time invention was made to have included Florkey's transmission when change occurred with Crockett controlling client availability in wireless communication system to provide a wireless communication system with push-to-talk service (Crockett, see for example, *column 1, lines 15-32, column 4, lines 4-26*) with "enhanced information about the call status availability of mobile stations" (Florkey, see for example, *column 1, lines 55-56*).

Regarding claim 5, Crockett discloses a method of indicating availability of a wireless client device that is associated with a contact list in a wireless

communication system (see for example, *Figure 1, column 1, lines 15-32, column 2, lines 16-30, column 4, lines 37-61, column 8, lines 30-44, column 18, lines 49-58, availability of members in the list*), wherein the method comprises: detecting a change in availability of the wireless client device (see for example, *Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67 continued to column 17, lines 1-20 , availability status and changes*); when a [change in] availability of the client device is detected (see for example, *Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67 continued to column 17, lines 1-20 , availability status and change of availability*), transmitting a message from the client device to a controller (see for example, *Figure 1, column 4, lines 4-26, column 11, lines 34-44, column 18, lines 49-58, column 19, lines 26-41, column 21, lines 8-19, lines 60-67 continued to column 22, lines 1-2, lines 46-50, mobile message to controller*); and receiving from the controller, based on a periodic determination of whether changes in availability of other client devices have occurred, a message indicating the availability of the other client devices (see for example, *Figure 1, column 4, lines 4-26, column 10, lines 53-58, column 11, lines 34-44, column 6, lines 7-13, column 12, lines 11-16, lines 55-62, column 14, lines 61-65, column 18, lines 9-13, lines 49-58, column 19, lines 26-41, column 21, lines 8-19, lines 60-67 continued to column 22, lines 1-2, lines 46-55, mobile message to controller, and periodically determining the client device availability and other*

member of the group availability).

Crockett does not specifically teach transmitting when a change has occurred, however, Crockett teaches the transmitting information regarding the availability of the client devices (see for example, *Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67 continued to column 17, lines 1-20, column 18, lines 49-58, availability of the mobile device (client device))*.

In a related art dealing with wireless communication system availability of cellular members (see for example, *Figure 1, column 1, lines 20-30, column 2, lines 46-50, column 3, lines 13-24, lines 36-55*), Florkey teaches transmitting only when a change has occurred (see for example, *Figure 1, column 1, lines 20-30, column 2, lines 46-50, column 3, lines 13-24, lines 36-55*).

It would have been obvious to one of ordinary skill in the art at the time invention was made to have included Florkey's transmission when change occurred with Crockett controlling client availability in wireless communication system to provide a wireless communication system with push-to-talk service (Crockett, see for example, *column 1, lines 15-32, column 4, lines 4-26*) with "enhanced information about the call status availability of mobile stations" (Florkey, see for example, *column 1, lines 55-56*).

Regarding claim 15, Crockett discloses a method of updating the availability of members of a contact list in a wireless client device (see for example, *Figure*

1, column 1, lines 15-32, column 2, lines 16-30, column 4, lines 37-61, column 8, lines 30-44, column 18, lines 49-58, availability of members in the list), wherein the method comprises: receiving from a controller a wireless message concerning the availability of other client devices (see for example, Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67 continued to column 17, lines 1-20, column 18, lines 49-58, availability of the mobile device (client device)), the receiving based on a periodic determination of whether changes in availability of other client devices associate with the contact list have occurred (see for example, Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, lines 53-58, column 11, lines 9-33, column 12, lines 11-16, lines 55-62, column 14, lines 61-65, column 16, lines 58-67 continued to column 17, lines 1-20, column 18, lines 9-13, lines 49-58, column 22, lines 46-55, periodically determining the client device availability and other members of the group availability with the contact list); and which are associated with the contact list (see for example, Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67 continued to column 17, lines 1-20, column 18, lines 49-58, availability of the mobile device (client device)), [only when a change has occurred] in the availability of at least one of the other client devices (see for example, Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67

continued to column 17, lines 1-20, column 18, lines 49-58, availability of the mobile device (client device)); and storing information from the wireless message concerning the availability of the other client devices in a memory of the wireless device (see for example, column 8, lines 30-44, column 11, lines 34-44, column 18, lines 49-58, column 19, lines 26-41, column 20, lines 21-37, availability of the mobile device (client device) stored in memory).

Crockett does not specifically teach transmitting only when a change has occurred, however, Crockett teaches the transmitting information regarding the availability of the client devices (see for example, *Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67 continued to column 17, lines 1-20, column 18, lines 49-58, availability of the mobile device (client device)).*

In a related art dealing with wireless communication system availability of cellular members (see for example, *Figure 1, column 1, lines 20-30, column 2, lines 46-50, column 3, lines 13-24, lines 36-55*), Florkey teaches transmitting only when a change has occurred (see for example, *Figure 1, column 1, lines 20-30, column 2, lines 46-50, column 3, lines 13-24, lines 36-55*).

It would have been obvious to one of ordinary skill in the art at the time invention was made to have included Florkey's transmission when change occurred with Crockett controlling client availability in wireless communication system to provide a wireless communication system with push-to-talk service (Crockett, see for example, *column 1, lines 15-32, column 4, lines 4-26*) with

“enhanced information about the call status availability of mobile stations”
(*Florkey, see for example, column 1, lines 55-56*).

Regarding claim 2, Crockett in view of Florkey teach all the limitations of claim 1, and further, Crockett teaches wherein the method includes: storing the changes in availability of the client devices in a queue (see for example, *column 4, lines 52-54, column 6, lines 30-34, column 9, lines 65-67 continued to column 10, lines 1-9*); and periodically transmitting the changes in availability that are in the queue to the particular client devices (see for example, *column 4, lines 52-54, column 6, lines 30-34, column 9, lines 65-67 continued to column 10, lines 1-9*).

Regarding claim 3, Crockett in view of Florkey teach all the limitations of claim 1, and further, Crockett teaches starting a timer (see for example, *column 9, line 32*); storing the changes in availability of the client devices in a queue (see for example, *column 9, line 32, column 19, lines 26-41*); when the timer expires (see for example, *column 9, line 32, line 33*), transmitting the changes in availability that are in the queue to the particular client devices (see for example, *column 4, lines 52-54, column 6, lines 30-34, column 9, lines 65-67 continued to column 10, lines 1-9*); and resetting the timer (see for example, *column 4, lines 52-54, column 6, lines 30-34, column 9, lines 65-67 continued to column 10, lines 1-9, 40-50*).

Regarding claim 4, Crockett in view of Florkey teach all the limitations of claim 1, and further, Crockett teaches if the transmitting has been performed (see for example, *column 27, lines 49-59, lines 64-67, column 28, lines 36-39, column 9, lines 65-67, transmitting*), the method includes delaying a subsequent transmission of contact list availability information until a time interval has passed (see for example, *column 27, lines 49-59, lines 64-67, column 28, lines 36-39, column 9, lines 65-67, transmitting information and delay time*).

Regarding claim 6, Crockett in view of Florkey teach all the limitations of claim 5, and further, Crockett teaches receiving from the controller a message that indicates the availability of the other client devices associated with the contact list when a change has occurred in the availability of any of the other client devices (see for example, *Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67 continued to column 17, lines 1-20, column 18, lines 49-58, availability of the mobile device (client device)*), the message including all changes in availability of the other client device since a previous periodic determination of changes in availability of the other client device (see for example, *Figure 1, column 4, lines 4-26, column 10, lines 53-58, column 11, lines 34-44, column 6, lines 7-13, column 12, lines 11-16, lines 55-62, column 14, lines 61-65, column 18, lines 9-13, lines 49-58, column 19, lines 26-41, column 21, lines 8-19, lines 60-67 continued to column 22, lines 1-2, lines 46-55*).

Regarding claim 7, Crockett in view of Florkey teach all the limitations of claim 5, and further, Crockett teaches receiving from the controller a message that indicates only changes in the availability of other client devices associated with the contact list (see for example, *Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67 continued to column 17, lines 1-20, column 18, lines 49-58, availability of the mobile device (client device))*.

Regarding claims 8 and 17, Crockett in view of Florkey teach all the limitations of claims 5, 15, and further, Crockett teaches detecting a change in availability when the client device is being turned off (see for example, *column 17, lines 49-65, column 14-21*).

Regarding claims 9 and 18, Crockett in view of Florkey teach all the limitations of claims 5, 15, and further, Crockett teaches detecting a change in availability when the client device is moving out of a geographic service area of the wireless communication system (see for example, *column 7, lines 56-63, column 9, lines 58-64*).

Regarding claims 10 and 19, Crockett in view of Florkey teach all the limitations of claims 5, 15, and further, Crockett teaches detecting a change in

availability when the client device moves out of a first service area and into a second service area of the wireless communication system (see for example, *column 10, lines 53-61, moved to out of service area*).

Regarding claims 11 and 20, Crockett in view of Florkey teach all the limitations of claims 10, 15, and further, Crockett teaches wherein the first service area is a digital service area and the second area is an analog service area (see for example, *column 4, lines 37-47, column 5, lines 15-21, column 9, lines 58-64, column 2, lines 42-50, column 4, lines 4-15, the CDMA or digital service area, and Push-To-Talk the analog service area*).

Regarding claim 12, Crockett in view of Florkey teach all the limitations of claim 5, and further, Crockett teaches wherein the client device is associated with more than one contact list (see for example, *column 2, lines 16-22, column 8, lines 35-44, column 12, lines 17-22, column 15, lines 47-54, column 21, lines 8-19*).

Regarding claim 13, Crockett in view of Florkey teach all the limitations of claim 5, and further, Florkey teaches wherein the transmitting is performed only when a change in availability of the client device is detected (see for example, *Figure 1, column 1, lines 20-30, column 2, lines 46-50, column 3, lines 13-24, lines 36-55*).

Regarding claims 14 and 21, Crockett in view of Florkey teach all the limitations of claim 5, 15, and further, Crockett teaches wherein the method is performed by a mobile telephone (see for example, *Figure 1, column 1, lines 20-30, column 2, lines 46-50, column 3, lines 13-24, lines 36-55, column 18, lines 49-67 continued to column 19, lines 1-11*).

Regarding claim 16, Crockett in view of Florkey teach all the limitations of claim 15, and further, Crockett teaches wherein the method comprises: detecting a change in availability of the wireless client device (see for example, *Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67 continued to column 17, lines 1-20, availability status and changes*); and when a change in availability of the wireless client device is detected (see for example, *Figure 1, column 6, lines 7-13, column 8, lines 30-44, column 9, lines 65-67, column 10, lines 16-22, column 11, lines 9-33, column 16, lines 58-67 continued to column 17, lines 1-20, availability status and change of availability*), transmitting a wireless message from the wireless client device to the controller (see for example, *Figure 1, column 4, lines 4-26, column 11, lines 34-44, column 18, lines 49-58, column 19, lines 26-41, column 21, lines 8-19, lines 60-67 continued to column 22, lines 1-2, lines 46-50, mobile message to controller*), wherein the message signals the change in availability of the wireless client device to the controller (see for

example, Figure 1, column 4, lines 4-26, column 11, lines 34-44, column 6, lines 7-13, column 18, lines 49-58, column 19, lines 26-41, column 21, lines 8-19, lines 60-67 continued to column 22, lines 1-2, lines 46-50, mobile message to controller), and further, Florkey teaches when change in availability transmit message (see for example, Figure 1, column 1, lines 20-30, column 2, lines 46-50, column 3, lines 13-24, lines 36-55).

Conclusion

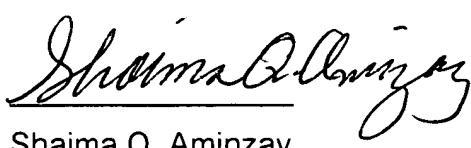
THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Inquiry

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shaima Q. Aminzay whose telephone number is 571-272-7874. The examiner can normally be reached on 7:00 AM -5:00 PM. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nay Maung can be reached on 571-272-7882. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Shaima Q. Aminzay
(Examiner)
August 23, 2006

 8/29/06
QUOCHIEN B. VUONG

PRIMARY EXAMINER

Nay A. Maung
(SPE)